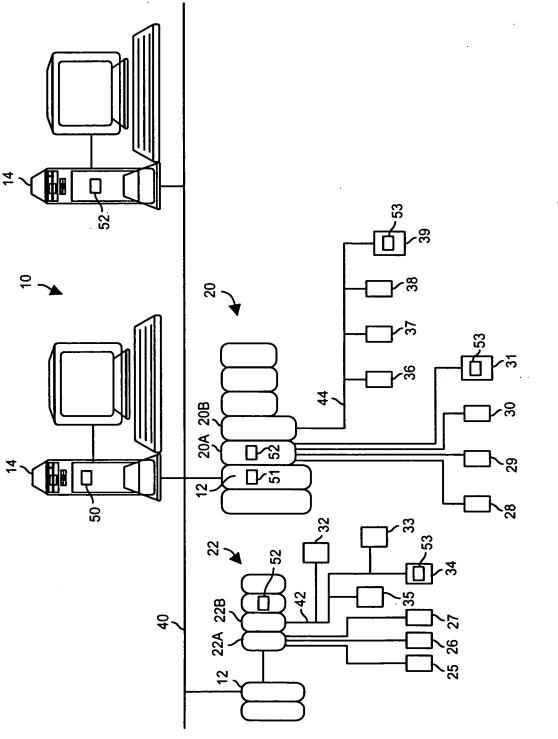
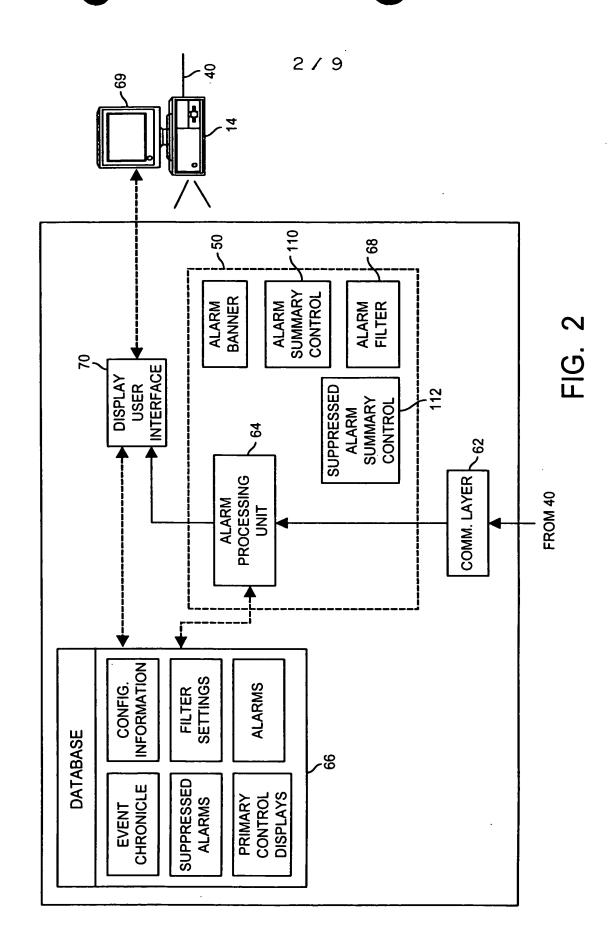
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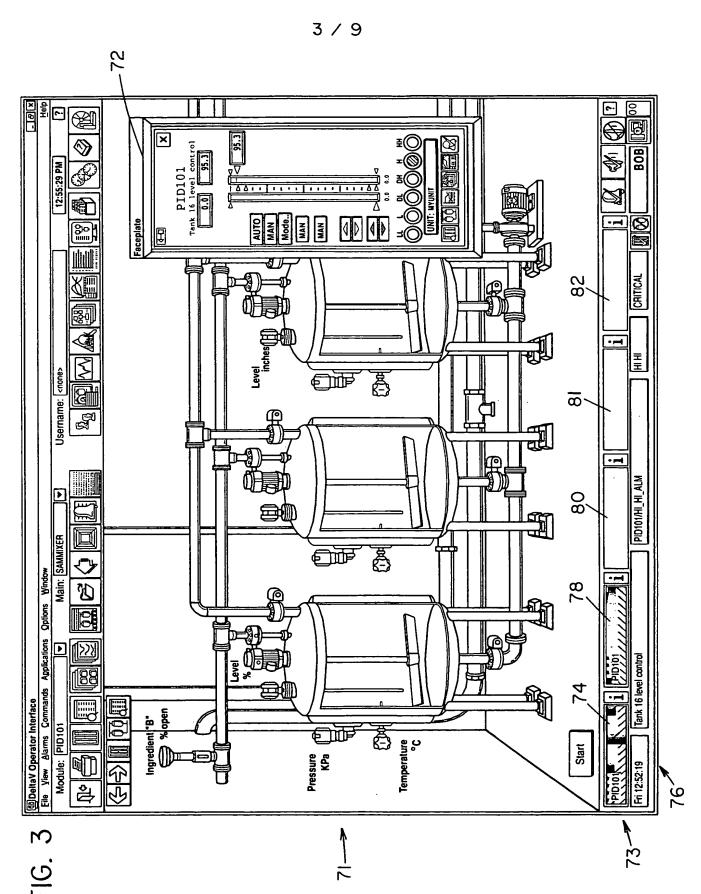
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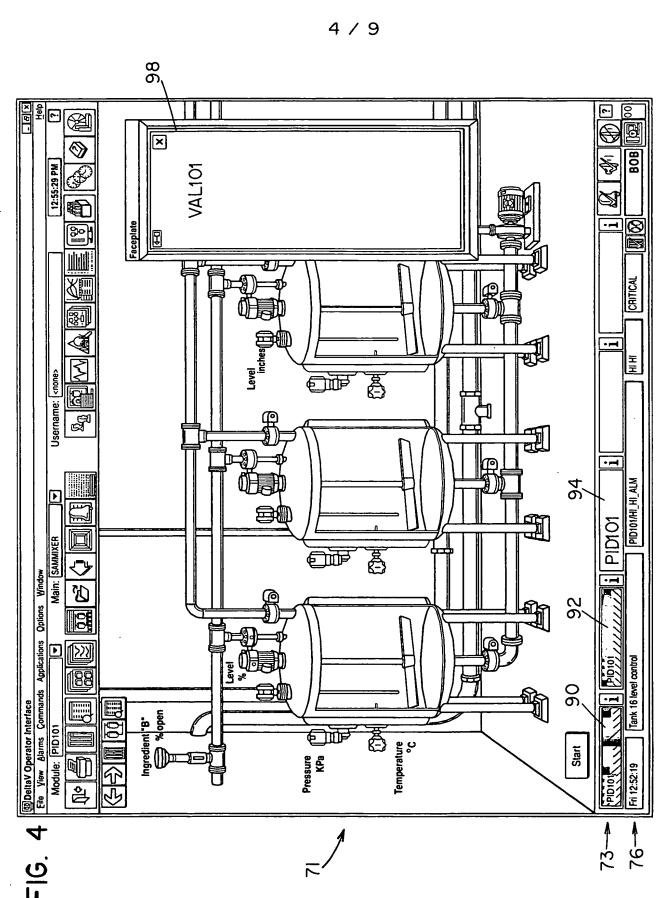




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WARNING	Priority 1000 WARNING:	CRITICAL	Priority CRITICAL	RITICAL	Priority CRUTICAL
НОІН	Alam Message High Alarm Value 1027 Limit 1000 5	[] FAILED	ord Alarm Message UP Feedback limit: 103.47 FIG. 6	i] [FAILED CRITICAL	т Message nnel 7 failed
FIC-101/HI_ALM		i) [Time Unit Alarm Parameter Module Description Alarm Word Alarm Message Mon 15:10:04 REACTOR1 FV-101/FAILED_ALM Reactor 1 inlet valve FAILED 1/P Feedback limit: 103.47	i] CTLR1/CARD04_FAIL	Alarm Parameter Module Description Alarm Word Alarm Message CTLR1/CARD04_FAIL Room 4. cab 3, pos 2 FAILED Channel 7 failed
	Time Unit Alarm Parameter Module Description Alarm Word Mon 15:10:04 REACTOR1 FIC-101/HI_ALM Reactor 1 jacket heat flow HIGH FIG.		er Module Descri D_ALM Reactor 1 inle		r Module Descrip M_FAIL Room 4, cab 3
Reactor 1 jacket he	Alarm Parametı TORI FIC-101/HI_AI	i FIC-101 Reactor 1 inlet valv	Alarm Parameter TOR1 FV-101/FAILED	FIC-101 com 4, cab 3, pos	Alarm Parameter CTLR1/CARD04
Mon 15:10:04 Reactor I jacket heat flow	Time Unit Mon 15:10:04 REAC	FV-101 i FIC-101 Mon 15:10:04 Reactor 1 inlet valve	Time Unit Mon 15:10:04 REAC	CTLR1 i FIC-101 Mon 15:10:04; Room 4, cab 3, pos 2	Time Unit Mon 15:10:04

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(figs. 8 & 9)

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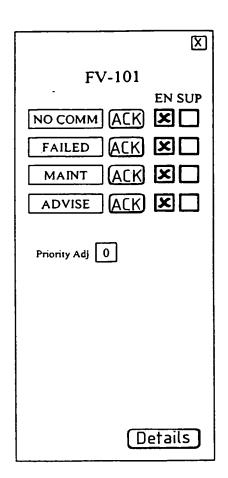


FIG. 8

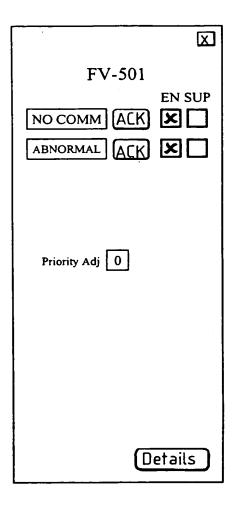


FIG. 9

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X .	<u>.</u>
CTLR1	
CTLR_FAIL	
CARD11_COMM	
CARD27_FAIL	
CARD02_COMM	
ACK All	
Disable Alarms	
Priority Adjust 0	
Summar	Ø

FIG. 10

Show Alarms		Show Priority	X
Alarm types:	Enable	Level >=	
Process	×	4 All alarms	
Hardware	X	8 Warning	
Device		No alarms	

FIG. II

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ADVISORY **ADVISORY** ADVISORY WARNING WARNING WARNING WARNING WARNING WARNING **Priority** CRITICAL Value = 1011.4 Limit = 1000 Value = 1011.4 Limit = 1000 /alue = 1011.4 Limit = 1000 Value = 1011.4 Limit = 1000 Low variation for 60 minutes I/P Feedback limit 103.7 Value - 81 4 Little 78 /alue = 81.4 Limit = 78 Value = 81.4 Limit = 78 Travel limit 35001 ADVISE Alam Ī ᇁ Reactor 2 jacket flow sensor Reactor 1 jacket flow sensor Tank 5 outlet flow control ank 5 outlet flow control Tank 5 outlet flow control Tank 5 outlet flow control Reactor & Level control FV-502/ADVISE ALM Tank 5 outlet flow sensor Reactor 1 Level control Reactor 2 Level control Description Sort: Banner FV-101/FAILED ALM FV-102/MAINT ALM Wed 10:51:18 REACTOR3 LIC-301/HI. HITALM. Wed 06:03:18 REACTOR1 LIC-101/HI_HI_ALM Wed 05:05:42 REACTOR2 LIC-102/HI HI ALM Alarm Parameter FIC-501/HI ALM FIC-501/HI ALM FIC-501/HI_ALM FIC-501/HI ALM Wed 11:48:54 REACTOR1 Wed 08:56:06 REACTOR2 Device: 틸 Ned 04:08:06 Wed 09:53:42 Wed 07:58:30 Wed 07:00:54 Wed 12:46:30 34 Occurred Process: 1 /

WARNING **ADVISORY** WARNING **ADVISORY** WARNING **ADVISORY** WARNING WARNING WARNING Priority CRITICAL Value = 1011.4 Limit = 1000 Value = 1011.4 Limit = 1000 Value = 1011.4 Limit = 1000 Low variation for 60 minutes Value = 1011.4 Limit = 1000 I/P Feedback limit 103.7 Value = 81.4 Limit = 78 Value = 81.4 Limit = 78 Value = 81.4 Limit = 78 Message Travel limit 35001 ADVISE FAILED Alarm Ξ Ξ Ξ Reactor 1 jacket flow sensor Reactor 2 jacket flow sensor Tank 5 outlet flow control Tank 5 outlet flow control Fank 5 outlet flow control Tank 5 outlet flow control FV-502/ADVISE ALM Tank 5 outlet flow sensor Reactor 3 Level control Reactor 1 Level control Reactor 2 Level control Description FV-101/FAILED ALM FV-102/MAINT ALM Wed 10:51:18 REACTOR3 LIC-301/HI_HI_ALM Wed 05:05:42 REACTOR2 LIC-102/HI_HI_ALM Wed 06:03:18 REACTOR1 LIC-101/HI_HI_ALM Alarm Parameter FIC-501/HI ALM -IC-501/HI ALM FIC-501/HI_ALM FIC-501/HI ALM Wed 08:56:06 REACTOR2 Wed 11:48:54 REACTOR1 Unit Wed 07:58:30 Wed 09:53:42 Wed 07:00:54 Wed 12:46:30 Ned 04:08:06 Occurred

ADVISORY

Low variation for 60 minutes

ADVISE

FV-502/ADVISE ALM Tank 5 outlet flow sensor

Ned 04:08:06

Sort: Banner

Device:

8

Process:

ADVISORY

Value = 81.4 Limit = 78 Value = 81.4 Limit = 78

풀

Reactor 1 Level control Reactor 2 Level control

Wed 06:03:18 REACTOR1 LIC-101/HI_HI_ALM Wed 05:05:42 REACTOR2 LIC-102/HI_HI_ALM

FIC-501/HI_ALM

FIC-501/HI_ALM

Ξ

ADVISORY

4

Priority

WARNING

WARNING WARNING WARNING WARNING

Value = 1011,4 Limit = 1000

Fravel limit 35001

MAIN

Reactor 2 jacket flow sensor ank 5 outlet flow control

FV-102/MAINT ALM

Wed 08:56:06 REACTOR2

Wed 07:58:30 Wed 07:00:54

Wed 09:53:42

FIC-501/HI ALM

Fank 5 outlet flow control Tank 5 outlet flow control

Value = 1011.4 Limit = 1000 Value = 1011.4 Limit = 1000

CRITICAL

WARNING

Value = 1011.4 Limit = 1000 I/P Feedback limit 103.7 Value = 81.4 Limit = 78

Reactor 1 jacket flow sensor

FV-101/FAILED ALM

Wed 11:48:54 REACTOR1

Wed 12:46:30

Wed 10:51:18 REACTOR3 LIC-301/HI_HI_ALM

Reactor 3 Level control

Tank 5 outlet flow control

Description

Alarm Parameter

Clin

FIC-501/HI ALM

Message

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Date/Time Event Type	×	Calegory	Area	Node	Module	Parameter	State	Level	Desci	Desc2
ALARM	₹	PROCESS	AREA_A	A GRE	1 REACTORI/FIC-101	OI HI ALM	ACT/UNACK	11-WARNING	HIGH	High Alarm Value 1027 Limit 1000
~	ALARM	PROCESS	AREA_A	A CTLRI	1 REACTORIVEIC-101	II HI_ALM	ACT/ACK	11-WARMING	H	High Alarm Value 1014 Limit 1000
~	ALARM	PROCESS	AREA_A	A CTLR!	I REACTORIFIC-101	NI HI_ALM	INACT/ACK	11-WARNING	HGH	High Alarm Value 998 Limit 1000
EV SE	Date/Time Event Type	Category	aş V	Node	Module	Parameter	State	Level	Desci	Desci
٧٢	ALARM (DEVICE ,	AREA_A	GLR!	REACTORI/FV.101	FAILED_ALM	ACT/UNACK	15-CRITICAL	FAILED	I/P Feedback limited: 103.47
₹∣	ALARM [DEVICE /	AREA_A	CTI.RI	REACTOR I/FV-101	FAILED_ALM	ACT/ACK	15-CRITICAL	FAILED	I/P Feedback limited: 103.47
7	ALARM [DEVICE /	AREA_A	CTLRI	REACTOR I/FV-101	FALLED_ALM	DNACT/ACK	15-CRITICAL	Ř	I/P Feedback limited: 99.8
I			1	1						